

FMX SERIES

FULL MATRIX BLANK OUT SIGNS

Sunrise SESA has developed a hybrid DMS/BOS, we call FMX. The sign is full matrix, high definition, capable of being controlled via dry contact from a traffic switch or as a mini DMS via NTCIP. FMX can store hundreds of graphical messages, and in dry contact mode, can display up to 8 messages. All of the display modules are identical, in contrast with typical BOS signs, making maintenance and inventory management easier. With a 1/3"(7.62mm) pitch, the signs are truly high definition

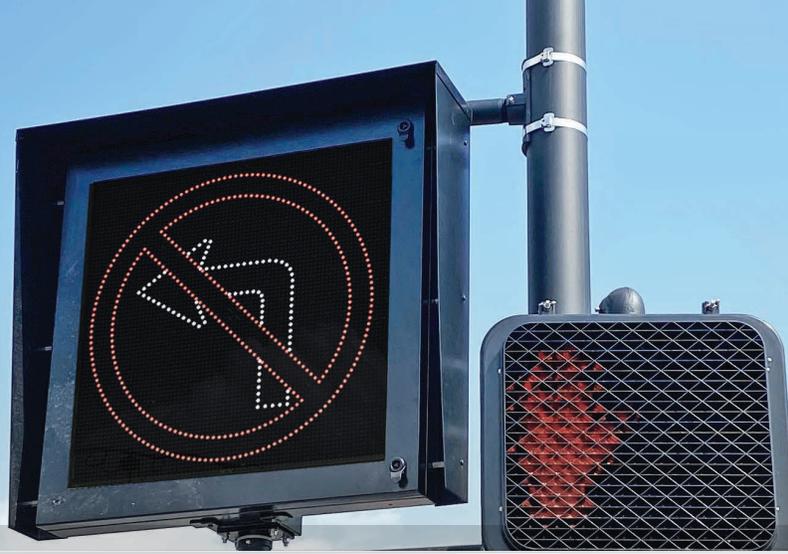


PRODUCT DESCRIPTION

Sunrise SESA's innovative sign stores up to 256 MUTCD images. These adaptive signs are easily focused toward providing traffic information to drivers when required at appropriate times. Full color ultra-bright LED's are mounted onto modular printed circuit boards for easy front access maintenance. Parts are simply replaced on site with basic hand tools. Variable signs brightness is be automatically adjusted for optimal performance under any environmental conditions.

VALUE

- ✔ Controllable via 8 dry contacts, or via NTCIP commands - can be retrofitted in an existing intersection, or connected to an ATMS for remote dynamic control
- ✔ Full Matrix LED can produce bitmap image making the sign flexible for a range of scenarios
- ✔ Compatible with MUTCD Compliant Images and Non-MUTCD Symbols
- ✔ Access allows for easy maintenance
- ✔ All components are standard reducing complexity and range of inventory of spare parts



GENERAL

- MUTCD Compliant Images
- Full Color RGB LED
- Active Area: 24"x24"
- Matrix Size: 80x80 Pixels
- Pixel Pitch - 7.62mm
- 110 deg. Viewing Angle
- Onboard Non-Volatile Memory
- Automatic brightness control via photosensor
- Visor/Heatshield - 4"wide

CONSTRUCTION

- 5052 Aluminum alloy
- NEMA 3R
- Polycarbonate front face

ELECTRICAL

- Supply Voltage: 120 - 240 VAC
- Max Power: 320W
- Typical Power: Varies by Content Assume 30% pixels, at 50% brightness <90W.

CABINET DIMENSIONS

- 29" H x 29" W x 4" D
- Weight: 31 lbs. (14 Kg)

ENVIRONMENTAL

- Operating Temperature: -40°F to +165°F (-40°C to +74°C)
- Humidity: 0% to 99% noncondensing

CONTROL OPTIONS

- Dry Contact - up to 8 messages
- NTCIP - Subset of Commands Stores up to 256 messages

MOUNTING OPTIONS

- Z-Bar Standard Mounting
- Mast Arm
- Side Pole
- Span Wire Hanger